

**DECLARATION AND POWER OF ATTORNEY**

**REGULAR OR DESIGN APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**ANTI-BACTERIAL COMPOUNDS DIRECTED AGAINST PILUS BIOGENESIS, ADHESION AND ACTIVITY, CO-CRYSTALS OF PILUS SUBUNITS AND METHODS OF USE THEREOF**

the specification of which:

(check one)

☒ [X] is attached hereto

☐ [ ] was filed on \_\_\_\_\_ as Application Serial No. \_\_\_\_\_, and was amended on \_\_\_\_\_.

☐ [ ] was described and claimed in PCT International Application No. \_\_\_\_\_, filed on \_\_\_\_\_ and as amended under PCT Article 19 on \_\_\_\_\_, if any.

**ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR**

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations §1.56.

**PRIORITY CLAIM**

I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a) - (d) or §365(b) of any foreign application for patent or inventor's certificate, or §365(a) of any PCT application which designates at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Priority Claimed

_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)

Priority Not Claimed

**ANY FOREIGN APPLICATION(S), ON THE SAME SUBJECT MATTER WHICH HAS A FILING DATE EARLIER THAN THE EARLIEST APPLICATION FROM WHICH PRIORITY IS CLAIMED**

_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)
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**CLAIM FOR BENEFIT OF PROVISIONAL APPLICATION(S)**

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

<u>60/148,280</u> (Application Number)	<u>08/11/99</u> (Filing Date)
_____ (Application Number)	_____ (Filing Date)

**CLAIM FOR BENEFIT OF EARLIER U.S. APPLICATION(S)  
UNDER 35 U.S.C. 120**

(complete this part only if this is a divisional,  
continuation or CIP application)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s), or §365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

_____ (Serial No.)	_____ (Filing Date)	_____ (Status)
_____ (Serial No.)	_____ (Filing Date)	_____ (Status)

**POWER OF ATTORNEY**

I hereby appoint the following attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Irving Powers (15,700), Donald G. Leavitt (17,626), John K. Roedel, Jr. (25,914), Michael E. Godar (28,416), Edward J. Hejlek (31,525), William E. Lahey (26,757), Richard G. Heywood (18,224), Frank R. Agovino (27,416), Kurt F. James (33,716), G. Harley Blosser (33,650), Paul I. J. Fleischut (35,513), Vincent M. Keil (36,838), Robert M. Evans, Jr. (36,794), Robert M. Bain (36,736), Joseph A. Schaper (30,493), Kathleen M. Petrillo (35,076), David E. Crawford, Jr. (38,118), Paul A. Maddock (37,877), Richard L. Bridge (40,529), Christopher M. Goff (41,785), James E. Butler (40,931), Derick E. Allen (43,468), Matthew L. Cutler (43,574), Michael G. Munsell (43,820), Karen Y. Hui (44,785), Anthony R. Kinney (44,834), Brian P. Klein (44,837), Sarah J. Chickos (46,157), Donald W. Tuegel (45,424), Steven M. Ritchey (46,321), Michael J. Thomas (39,857), and Kathryn J. Doty (40,593), all of the law firm of SENNIGER, POWERS, LEAVITT & ROEDEL, One Metropolitan Square, 16th Floor, St. Louis, Missouri 63102.

09637216-081100





Applicant or Patentee: Scott J. Hultgren, et al Attorney's  
Serial or Patent No.: to be assigned Pocket No.: WSHU 2005  
Filed or Issued: August 11, 1999  
For: Anti-Bacterial Compounds Directed Against Pilus Biogenesis

**VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY  
STATUS (37 CFR 1.9(f) and 1.27(d)) - NONPROFIT ORGANIZATION**

I hereby declare that I am an official empowered to act on behalf of the nonprofit organization identified below:

NAME OF ORGANIZATION Washington University  
ADDRESS OF ORGANIZATION One Brookings Drive, St. Louis, MO 63130

TYPE OF ORGANIZATION

- [X] University or other institution of higher education  
[ ] Tax exempt under Internal Revenue Service Code (26 USC 501(a) and 501(c) (3))  
[ ] Nonprofit scientific or educational organization qualified under a non-profit organization statute of a state of The United States of America (Name of state \_\_\_\_\_) (Citation of statute \_\_\_\_\_)  
[ ] Would qualify as tax exempt under Internal Revenue Service Code (26 USC 501(a) and 501(c) (3) if located in The United States of America  
[ ] Would qualify as nonprofit scientific or educational organization under a non-profit statute of a state of The United States of America if located in The United States of America (Name of state \_\_\_\_\_) (Citation of statute \_\_\_\_\_)

I hereby declare that the nonprofit organization identified above qualifies as a nonprofit organization as defined in 37 CFR 1.9(e) for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code with regard to the invention entitled ANTI-BACTERIAL COMPOUNDS DIRECTED AGAINST PILUS BIOGENESIS by inventor(s) Scott J. Hultgren and Frederic G. Sauer described in

- [x] the specification filed herewith  
[ ] application serial no. \_\_\_\_\_, filed \_\_\_\_\_  
[ ] patent no. \_\_\_\_\_, issued \_\_\_\_\_

I hereby declare that rights under contract or law have been conveyed to and remain with the nonprofit organization with regard to the above identified invention.

If the rights held by the nonprofit organization are not exclusive, each individual, concern or organization having rights to the invention is listed below\* and no rights to the invention are held by any person, other

could not qualify as a small business.

\*NOTE: Separate verified statements are required for each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

☐ INDIVIDUAL    ☐ SMALL BUSINESS CONCERN    ☐ NONPROFIT ORGANIZATION

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

☐ INDIVIDUAL    ☐ SMALL BUSINESS CONCERN    ☐ NONPROFIT ORGANIZATION

1 I acknowledge the duty to file, in this application or patent, notification  
2 of any change in status resulting in loss of entitlement to small entity  
3 status prior to paying, or at the time of paying, the earliest of the issue  
4 fee or any maintenance fee due after the date on which status as a small  
5 entity is not longer appropriate. (37 CFR 1.28(b)).

5 I hereby declare that all statements made herein of my own knowledge are  
6 true and that all statements made on information and belief are believed to  
7 be true; and further that these statements were made with the knowledge  
8 that willful false statements and the like so made are punishable by fine  
9 or imprisonment, or both, under section 1001 of Title 18 of the United  
10 States Code, and that such willful false statements may jeopardize the  
11 validity of the application, any patent issuing thereon, or any patent to  
12 which this verified statement is directed.

NAME OF PERSON SIGNING Andrew Neighbour, PhD.

TITLE IN ORGANIZATION Associate Vice Chancellor for Technology Management

ADDRESS OF PERSON SIGNING 660 S. Euclid Ave., Box 8013,

St. Louis, MO 63110

P. A. Wright

DATE 8/9/99